



CDF Operations Report

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CDF Weekly Meeting



STORE SUMMARY

| Store | Start Date | Duration (hours) | Inst Lum Initial e30 cm-2 s-1 | Int. Lum Delivered nb-1 | Live Lum nb-1 | Good/w Silicon nb-1 | Tevatron Terminate |
|--------------------|------------|-----------------------------|----------------------------------|----------------------------|------------------|------------------------|--------------------|
| 3337 | 3/31 | 16.0 | 54.9 | 1,716 | 1,478 86.1% | 1,478 86.1% | Kicker prefire |
| 3341 | 4/2 | 5.8 | 40.3 | 650 | 590 90.7% | 590 90.7% | Quench (unknown) |
| 3348 | 4/3 | 27.6 | 51.4 | 2,199 | 1,674 76.1% | 1,597 72.6% | ok |
| 3350 | 4/4 | Lost 80% of stack of 170 mA | | | | | Kicker prefire |
| 3359 | 4/5 | 28.3 | 48.7 | 2,248 | 1,602 71.3% | 0 Bad for SMXR | ok |
| 3361 | 4/6 | 26.5 | 43.9 | 1,992 | 1,615 81.1% | 1,535 77.1% | ok |
| 3363 | 4/8 | ongoing | 55.6 | | | | |
| Total 3337-3361 | | 104 | | 8,804 | 6,958 79.0% | 5,200 59.1% | |



CDF STATUS

- Stores 3337-3341, all COT SL at nominal HV
- Stores 3348-3363, COT in "compromised state" with SL1,2,3 off and SL4,5 at reduced gain.
- Two pbar abort kicker prefires and quench in last week - see silicon report.
- Efficiencies low for variety of reasons - some under our control.
- Tevatron is still not running at pre-shutdown performance levels. Initial luminosities have been low and many stores had marginal beam quality for silicon (high abort gap losses or proton losses or proton "spikes").
- Detector has no major problems.